

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Atty. Docket No. 30436.11US04C	Serial No. 08/459,766 09/666,267
Applicant PETER S. LINSLEY ET AL.	
Filing Date June 2, 1995	Group 1808 - 1644
SEPTEMBER 21, 2000	

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Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date (If Appropriate)
M	4,683,202	July 28, 1987	Mullis et al. (Exhibit 1)			
M	4,683,195	July 28, 1987	Mullis et al. (Exhibit 2)			
U	4,399,216	August 16, 1983	Axel (Exhibit 3)			

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<i>M</i>	Springer et al. "The Lymphocyte Function-Associated LFA-1, CD2, and LFA-3 Molecules: Cell Adhesion Receptors of the Immune System", <u>A. Rev. Immunol.</u> 5:223-252 (1987) (Exhibit 4)
<i>M</i>	Dinarello and Mier, "Medical Intelligence - Current Concepts Lymphokines", <u>New Engl. Jour. Med.</u> 317:940-945 (1987) (Exhibit 5)
<i>M</i>	Weiss et al., "The Role of the T3/Antigen Receptor Complex in T-Cell Activation", <u>Ann. Rev. Immunol.</u> 4:593-619 (1986) (Exhibit 6)
<i>M</i>	McMichael, Ed., "Non-Lineage, LFA-1 Family, and Leucocyte Common Antigens" New and Previously Defined Clusters", <u>Leukocyte Typing III</u> , Oxford Univ. Press, Oxford, NY (1987) (Exhibit 7)

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JPL	Aruffo and Seed, "Molecular Cloning of a CD28 cDNA by a High-Efficiency COS Cell Expression System", <u>Proc. Natl. Acad. Sci.</u> 84:8573-8577 (1987) (Exhibit 8)
	Damle et al., "Alloantigen-Specific Cytotoxic and Suppressor T Lymphocytes are Derived from Phenotypically Distinct Precursors", <u>J. Immunol.</u> 131:2296-2300 (1983) (Exhibit 9)
	June et al., "T-Cell Proliferation Involving the CD28 Pathway is Associated with Cyclosporine-Resistant Interleukin 2 Gene Expression", <u>Mol. Cell Biol.</u> 7:4472-4481 (1987) (Exhibit 10)
	Thompson et al., "CD28 Activation Pathway Regulates the Production of Multiple T-Cell-Derived Lymphokines/Cytokines", <u>Proc. Natl. Acad. Sci.</u> 86:1333-1337 (1989) (Exhibit 11)
O P E S C DEC 1 8 2000 PATENTS & TRADEMARKS	Lindsten et al., "Regulation of Lymphokine Messenger RNA Stability by a Surface-Mediated T Cell Activation Pathway", <u>Science</u> 244:339-343 (1989) Exhibit 12
	Damle et al., "Monoclonal Antibody Analysis of Human T Lymphocyte Subpopulations Exhibiting Autologous Mixed Lymphocyte Reaction", <u>Proc. Natl. Acad. Sci.</u> 78:5096-5098 (1981) (Exhibit 13)
	Lesslauer et al., "T90/44 (9.3 Antigen). A Cell Surface Molecule with a Function in Human T Cell Activation", <u>Eur. J. Immunol.</u> 16:1289-1296 (1986) (Exhibit 14)
	Williams and Barclay, "The Immunoglobulin Superfamily - Domains for Cell Surface Recognition", <u>Ann. Rev. Immunol.</u> 6:381-405 (1988) (Exhibit 15)
	Shaw and Shimuzu, "Two Molecular Pathways of Human T Cell Adhesion: Establishment of Receptor-Ligand Relationship", <u>Current Opinion in Immunology</u> , Eds. Kindt and Long, 1:92-97 (1988) (Exhibit 16)
	Moingeon et al., "CD2-Mediated Adhesion Facilitates T Lymphocyte Antigen Recognition Function", <u>Nature</u> 339:312-314 (1988) (Exhibit 17)
	Makgoba et al., "ICAM-1 A Ligand for LFA-1-Dependent Adhesion of B, T and Myeloid Cells", <u>Nature</u> 331:86-88 (1988) (Exhibit 18)
	Staunton et al., "Functional Cloning of ICAM-2, A Cell Adhesion Ligand for LFA-1 Homologous to ICAM-1", <u>Nature</u> 339:61-64 (1989) (Exhibit 19)
	Norment et al., "Cell-Cell Adhesion Mediated by CD8 and MHC Class I Molecules", <u>Nature</u> 336:79-81 (1988) (Exhibit 20)
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	Hemler, "Adhesive Protein Receptors on Hematopoietic Cells", <u>Immunology today</u> 9:109-113 (1988) (Exhibit 23)
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*Substitute Disclosure Statement Form (PTO-1449)

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FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 30436.11US046	Application Number: 88459,766 09/666,267
	Applicant: Linsley et al.	
	Filing Date: June 2, 1995	Group Art Unit: 1600 1644

SEPTEMBER 21, 2000

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>PL</i>	WO 92/15671	09/17/92	PCT			
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Atty. Docket No. 7794

Serial No. 07/722,101

Applicant

Linsley and Ledbetter

Filing Date

June 27, 1991

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Examiner Initial		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
④7A	AA	4 6 8 3 2 0 2	07/28/87	Mullie et al.	478	71	
④7A	AB	6 6 8 3 1 9 5	07/28/87	Mullie et al.	478	6	
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④7A	AR	Springer et al., "The Lymphocyte Function-Associated LFA-1, CD2, and LFA-3 Molecules: Cell Adhesion Receptors of the Immune System", <i>A. Rev. Immunol.</i> 5:223-252 (1987)
④7A	AS	Dinarello and Mier, "Medical Intelligence - Current Concepts Lymphokines", <i>New Engl. Jour. Med.</i> 317:940-945 (1987)
④7A	AT	Weiss et al., "The Role of the T3/Antigen Receptor Complex in T-Cell Activation", <i>Ann. Rev. Immunol.</i> 4:593-619 (1986)

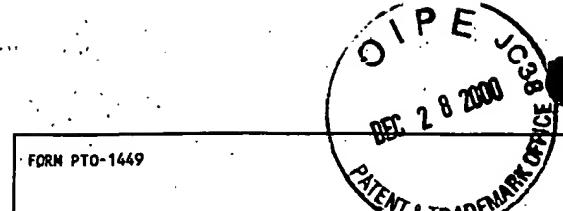
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David E. Larson, Jr. D.

DATE CONSIDERED

11/17/92

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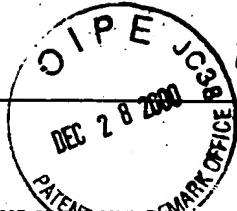
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<i>Q20</i>	AV	Aruffo and Seed, "Molecular Cloning of a CD28 cDNA by a High-Efficiency COS Cell Expression System", Proc. Natl. Acad. Sci. 84:8573-8577 (1987)
<i>Q21</i>	AW	Damle et al., "Alloantigen-Specific Cytotoxic and Suppressor T Lymphocytes are Derived from Phenotypically Distinct Precursors", J. Immunol. 131:2296-2300 (1983)
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<i>Q21</i>	AY	Thompson et al., "CD28 Activation Pathway Regulates the Production of Multiple T-Cell-Derived Lymphokines/Cytokines", Proc. Natl. Acad. Sci. 86:1333-1337 (1989)
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<i>Q21</i>	BA	Damle et al., "Monoclonal Antibody Analysis of Human T Lymphocyte Subpopulations Exhibiting Autologous Mixed Lymphocyte Reaction", Proc. Natl. Acad. Sci. 78:5096-5098 (1981)
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<i>Q21</i>	BD	Shaw and Shimizu, "Two Molecular Pathways of Human T Cell Adhesion: Establishment of Receptor-Ligand Relationship", Current Opinion in Immunology, Eds. Kindt and Long, 1:92-97 (1988)
<i>Q21</i>	BE	Nojigeon et al., "CD2-Mediated Adhesion Facilitates T Lymphocyte Antigen Recognition Function", Nature 339:312-314 (1988)
<i>Q21</i>	BF	Nakgoba et al., "ICAM-1 A Ligand for LFA-1-Dependent Adhesion of B, T and Myeloid Cells", Nature 331:86-88 (1988)

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<i>Dale E. Adams, Ph.D.</i>	<i>11/17/92</i>
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<p style="text-align: center;">U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office</p> <p style="text-align: center;">LIST OF REFERENCES CITED BY APPLICANT (use several sheets if necessary)</p>		Atty. Docket No. 7794	
		Serial No. 07/722,101	
		Applicant	
		Linsley and Ledbetter	
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June 27, 1991		1806	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
<p style="text-align: center;">(A) 1A</p> <p style="text-align: center;">(A) 2A</p> <p style="text-align: center;">(A) 3A</p> <p style="text-align: center;">(A) 4A</p> <p style="text-align: center;">(A) 5A</p> <p style="text-align: center;">(A) 6A</p> <p style="text-align: center;">(A) 7A</p> <p style="text-align: center;">(A) 8A</p> <p style="text-align: center;">(A) 9A</p> <p style="text-align: center;">(A) 10A</p>	BG	Staunton et al., "Functional Cloning of ICAM-2, A Cell Adhesion Ligand for LFA-1 Homologous to ICAM-1", <u>Nature</u> 339:61-64 (1989)	
	BH	Norment et al., "Cell-Cell Adhesion Mediated by CD8 and MHC Class I Molecules", <u>Nature</u> 336:79-81 (1988)	
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	BJ	Stoolman, "Adhesion Molecules Controlling Lymphocyte Migration", <u>Cell</u> 56:907-910 (1989)	
	BK	Hemler, "Adhesive Protein Receptors on Hematopoietic Cells", <u>Immunology Today</u> 9:109-113 (1988)	
BL	Kishimoto et al., "The Leukocyte Integrins", <u>Adv. Immunol.</u> 46:149-182 (1989)		
BM	Kakiuchi et al., "B Cells as Antigen-Presenting Cells: The Requirement for B-Cell Activation", <u>J. Immunol.</u> 131:109-114 (1983)		
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BO	McKenzie, "Alloantigen Presentation by B Cells - Requirement for IL-1 and IL-6", <u>J. Immunol.</u> 2907-2911 (1988)		
BP	Hawrylowicz and Unanue, "Regulation of Antigen-presentation-I - IFN- γ Induces Antigen-Presenting Properties on B Cells", <u>J. Immunol.</u> 141:4083-4088 (1988)		
BQ	Noelle and Snow, "Cognate Interactions Between Helper T Cells and B Cells", <u>Immunol. Today</u> 11:361-368 (1990)		
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EXAMINER <i>Mark E. Adams, Ph.D.</i>	DATE CONSIDERED <i>11/17/92</i>
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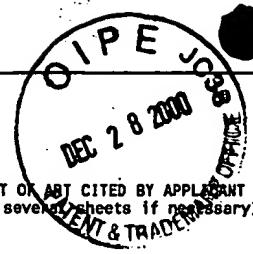
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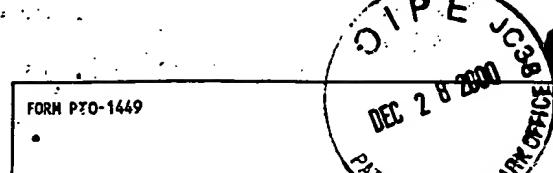
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